

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 11:17 PM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 589 Const Calendar Day: 997 Date: 01-Jun-2012 Friday

Inspector Name: Bruce, Matt Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 am 04:30 pm Break: 00:30 Over Time: 01:00

Federal ID:

Location:

Reviewer: Schmitt, Alex

Approved Date:

Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather****Temperature** 7 AM 60 - 70 12 PM 70 - 80 4PM 70 - 80**Precipitation** 0.00" **Condition** SunnyWorking Day ☐ If no, explain:**Diary:**

Dispute

Work description.

- Performed QA verification on the measurements taken by the 3 Smith Emery technicians using ABF#2 Extensometer for the bolts in cable bands W84, W86, W92, W102 to W106. The Smith Emery technicians performing the measurements were Allen Miranda, Jason Chuong, and Brien Connolly. Jason took all of the readings today from the dial as I confirmed each and every measurement. Allen ensured that the fixed pin went into the cable band bolt dimple for an accurate measurement. Brien was predominately responsible for handling the Extensometer especially on the top row of cable band bolts and operating the spring pinned end of the Extensometer for all the measurements. For the cable band bolt measurements that I witnessed the standard bar readings were the following at the given times below on ABF standard bar #5:

1.) $0.35" + 0.0051" = 0.3551"$ @ 7:20am

At 9:00am ABF engineer Ben Jones directed the Smith Emery technicians to take elongation measurements on cable band bolt 84N6 with the Extensometer and the Mini-Max. This was being done in conjunction with ABF ironworkers while they were in the process of stressing cable band W84. The ironworker crew was being watched by Sami Daouk, see his diary for more details especially on the gap measurements. Ben had the ironworkers bring the pressure of the 6 Boltight jacks to 5,000psi, 10,000psi, 15,000psi, and 17,400psi respectively just before the Smith Emery technicians took elongation measurements on cable band bolt 84N6.

At or around 10:00am I was notified by Roman to assist Victor Altamirano to take measurements on the North Mainspan cable bands. Alex Schmitt was initially going to watch the measurements taken by the Smith Emery technicians with the Extensometer but was told to relieve me from that duty. I couldn't watch either the Extensometer readings or help Victor since the new total station was being shipped to the office. Alex was able to retrieve the Extensometer readings done by the Smith Emery technicians for the remainder of the day.

- Received the Trimble S8 total station and TSC3 data collector from salesman Ben Scoles (salesman) with California Survey & Drafting Supply (CSDS) in Dublin. Ben stayed for a hour or so to show me some of the features of this total station.

Attachment

ddrRptbyBidItem

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Bruce, Matt

Diary #: 589

Date: 01-Jun-2012

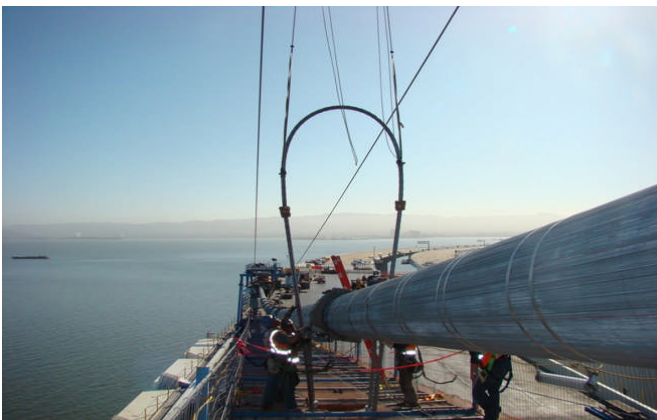
Friday



Suspender installation on a South Mainspan cable band.



Smith Emery technician taking measurements with the Mini-Max after ABF ironworkers stressed cable band bolt 84N6.



ABF ironworkers installing a suspender on a North Mainspan cable band.



Dial of ABF #2 Extensometer where the dials don't check out when the large dial passes zero the small dial should be closer to 0.40"